


Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 14677  
Application ID: 10063371  
Title of Invention: ELECTRONIC TRIP UNIT CAPABLE  
OF ANALOG AND DIGITAL  
SETTING OF CIRCUIT BREAKER  
SETPOINTS  
First Named Inventor: Nataniel Vicente  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-04-16  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: GEN-0247  
Digital Certificate Holder: cn=James J. Merrick, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: 2VOYgmnpcrW/58WhGMNhg==  
Total Fees Authorized: \$1344.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61130  
Deposit Account Name: James J. Merrick



# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

GEN-  
0247

## ELECTRONIC TRIP UNIT CAPABLE OF ANALOG AND DIGITAL SETTING OF CIRCUIT BREAKER SETPOINTS

First Named Inventor: Mr. Nataniel B. Vicente

### SUBMITTED BY

|   |                       |
|---|-----------------------|
| Name:                                     | Mr. James J. Merrick  |
| Registration Number:                      | 43,801                |
| Electronic Signature Mark: jim<br>merrick | Date Signed: 20020416 |

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

|             |                    |
|-------------|--------------------|
| declaration | Declaration_p1.tif |
| declaration | Declaration_p2.tif |

specification.xml  
EPaveapds.xml  
EPavefee.xml  
EPaveasgn.xml

Declaration\_p2.tif

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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |



**COMBINED DECLARATION AND  
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention, **ELECTRONIC TRIP UNIT CAPABLE OF ANALOG AND DIGITAL SETTING OF CIRCUIT BREAKER SETPOINTS** (Docket No. 419R-7818) the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me which is material to patentability (as defined in 37 C.F.R. Sec. 1.56) in connection with the examination of this application. I also acknowledge the duty to disclose all information known to me to be material to patentability which becomes available between the date of the prior application and the national or PCT international filing date of any continuation-in-part application.

I hereby appoint Ronald E. Myrick, Reg. No. 26,315 of GENERAL ELECTRIC COMPANY (W3E), 3135 Easton Turnpike, Fairfield, CT 06431-0001; Henry J. Policinski, Reg. No. 26,621, James W. Mitchell, Reg. 25,602, Bernard Snyder, Reg. No. 24,843 and John F. Beninati 40,510 all of GENERAL ELECTRIC COMPANY (W3D), 3135 Easton Turnpike, Fairfield, CT 06431-0001; Karl A. Vick, Reg. No. 33,288, Damian G. Wasserbauer, Reg. No. 34,749, Wayne O. Travnham, Reg. No. 29,872 and David Arnold, Reg. No. 48,894 all of GENERAL ELECTRIC COMPANY, 41 Woodford Avenue, Plainville, CT 06062, Philmore H. Colburn II, Reg. No. 35,101, Keith J. Murphy, Reg. No. 33,979, David A. Fox, Reg. No. 38,807 and Timothy J. Olson, Reg. No. 42,962 of Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, jointly, and each of them severally, my attorneys and attorney, with full power of substitution, delegation and revocation, to prosecute this application, to make alternations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith. I hereby direct that all correspondence and telephone calls in connection with this application be addressed to the said Philmore H. Colburn II at Cantor Colburn LLP 55 Griffin Road South, Bloomfield, CT 06002. Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

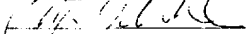
Full name of first (or sole) inventor: Nataniel B. Vicente

Inventor's Signature: [Signature] Date: 2/2/00

P.O./Residence Address: 22 Litchfield Lane, Bristol, CT 06010

Citizenship: USA


Full name of second inventor: Christopher Schnabel

Inventor's Signature:  Date: 9 April 2002

P.O./Residence Address: 18 Pasture Lane, Poughkeepsie, NY 12603

Citizenship: USA

Full name of third inventor: Mark Fredrick Culler

Inventor's Signature:  Date: 21 March 2002

P.O./Residence Address: 154 Ridgewood Drive, Kensington, CT 06037

Citizenship: USA

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1344**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1130



Deposit Account Name: Cantor Colburn LLP

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: James J. Merrick

Electronic Signature Mark: \*James J. Merrick\*

Date Signed: 20020416

## BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101      | \$ 740   |

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 42      | 103      | \$ 18 | 22           | \$ 396   |
| Independent Claims: 5 | 102      | \$ 84 | 2            | \$ 168   |

Subtotal For Extra Claims Fees: \$ 564

### ADDITIONAL FEES

| Fee Description                                   | Number   | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1        | 581      | \$ 40  | \$ 40    |

Subtotal For Additional Fees: \$ 40